May Meetings

Dates & Times
Matinee, 2:30 p.m., Wednesday May 13, 1981
Evenings, 8:00 p.m., Wednesday and Thursday, May 13 and 14, 1981

Place
May Treat Morrison Auditorium

Speaker
Walt Anderson

Subject
"Herds and Birds in Kenya"

Mental images of the big game animals and exotic birds of East Africa inspire us as adults just as they awakened feelings of wonder in us as children. Remember when you were first exposed to such unexpected creatures as elephants, giraffes, lions, hyenas, ostriches, and secretary birds? In Africa, reality outstrips even our most vivid imaginings.

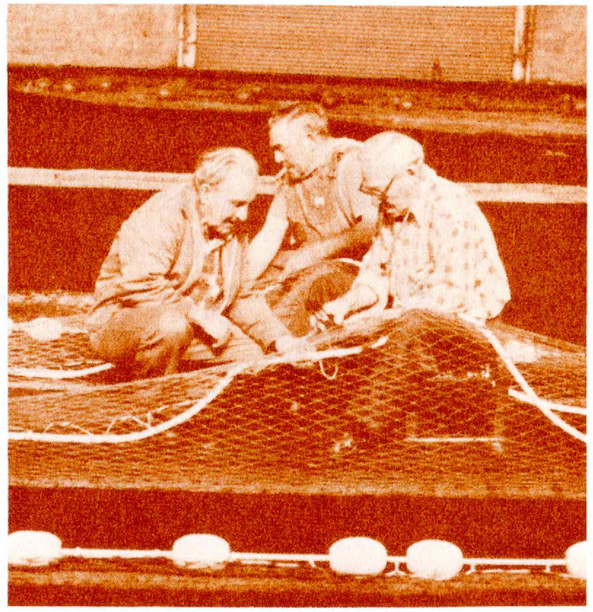
Join naturalist, Walt Anderson, on a visual trip to the grand landscapes and magnificent wildlife of Kenya. You will see the Great Rift Valley's Lake Bogoria with its acres of pink flamingos; you will climb Mount Kenya from the forest through mysterious bamboos to the Afroalpine moorlands; you will cross the waving grasslands of Masai Mara, moving with wildebeasts, zebras and Thomson's gazelles; and you will marvel at the brilliance of kingfishers and other birds in the wildlife parks.

Walt Anderson is known to many Academy members, who have heard him speak on or who have accompanied him into the Sutter Buttes, "California's Mystery Mountains." Others know him as the leader of an Academy Grey Whale expedition, as a wildlife artist, and as a photographer.

As usual your membership card will admit you through the main entrance at Cowell Hall for the evening presentations and through Cowell Hall or Wattis Hall entrances for the matinee. Please be prepared to show your card once more at the auditorium door for the matinee program.

SNEAK PREVIEW: The speaker for the June members' meetings will be James E. Scarff, staff attorney for the National Wildlife Federation, with a film/lecture on **The Plight of the Bowhead Whale.**

Special Exhibits



The Fishing Fleet: Changing Times, Changing Faces continues in Hohfeld Gallery I. Anyone who has bought crab, salmon, or herring will enjoy both the historical and the contemporary views of the commercial fishing industry in the bay area. Artifacts plus models of fishing boats have been loaned by the National Maritime Museum in San Francisco, and the story is explored further through the use of vivid color photos taken by Marie De Santis (a commercial fisherwoman herself).

Bubbling walls of water, kelp tanks, and the robot-looking JIM suit are all part of the traveling exhibit **Exploring the Deep Frontier: The Adventure of Man in the Sea,** which answers the question "Why dive?" Through September 7 in Lovell White Hall and Hohfeld Gallery II.

Other exhibits are **Feather Arts: Beauty, Wealth, and Spirit from Five Continents,** through May 17; and **Western Wildflowers, Weeds, and Grasses** and **Reflections on Alaska,** two color photo exhibitions.

Morrison Planetarium

What is a space settlement? What is terraforming? What is a Dyson sphere? These questions are answered in **Islands in the Sky,** premiering on May 1 in the Morrison Planetarium. This fascinating sky show takes you from the launching of the space shuttle on a journey into the future and examines how we may someday populate the high frontier of outer space.

Islands in the Sky can be seen daily at 2:00 p.m., Wednesday and Thursday evenings at 7:30 p.m. and on Saturday and Sunday at 12:30, 2:00 and 3:30 p.m. Members, please bring your complimentary passes for free admission, but get in line early to beat the crowds.

Also shown in the planetarium is **Exploring the Skies of the Season,** an entertaining tour of the current night sky over San Francisco. You can catch it on Saturday and Sunday mornings at 11:00 a.m. Your complimentary passes will also admit you to this show free of charge.

Light Shows

There are now three dazzling light shows in the Morrison Planetarium! The original **Lights Fantastic** is performed on Friday, Saturday, and Sunday at 7:30 p.m., and on Saturday and Sunday at 5:00 p.m.

Rock Fantasy is performed on Friday and Saturday at 9:00 and 10:30 p.m.

The all-new **Spotlight: Journey,** featuring the music of one of the most popular and dynamic rock groups today, can be seen on Thursday and Sunday at 9:00 p.m. beginning Sunday, May 3.

A special premiere performance will take place on Saturday, May 2 at 9:00 p.m.

For more information, call 387-6300. Tickets are available through BASS at 835-3849. Admission is $3.50 for adults for all performances and $1.50 for seniors (65 and over) and children under 10. ($1.75 on Friday and Saturday).

Members are reminded that this is **not** a regular planetarium show, so your complimentary passes are **not** usable for this attraction.

Special Lecture

HOW A DREAM CAME TRUE:
The Making of the Golden Gate National Recreation Area

Thursday, May 21, 1981
at 8:00 p.m. in the Morrison Auditorium
with Amy Meyer, Co-Chairman, People for a Golden Gate National Recreation Area

Rolling hills, small coves, sandy beaches, rocky coast cliffs, forested ridges, redwood valleys, and expanses of wild and open terrain are all within easy reach of bay area residents. These natural attractions are all part of the Golden Gate National Recreation Area (GGNRA) which is administered by the National Park Service, U.S. Department of the Interior. GGNRA protects the land and preserves its history, and represents an effort to put parks where people live and work. As urban growth continues, as gasoline prices rise, and as living density increases, the park more than ever will be needed by people as a source of relaxation and beauty.

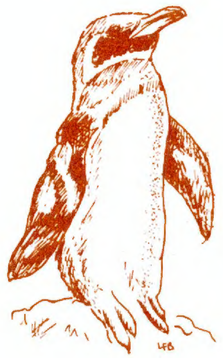
To learn more about the Golden Gate National Recreation Area and how it was created, join Amy Meyer, Secretary of the GGNRA Citizens Advisory Commission. In her slide/lecture Amy will cover how a park proposal is prepared and presented to legislators, how parks are purchased and administered, how time can work for a park — and against it, and how the public can make a difference in bringing a park into existence. Amy, who is also Vice-President of the San Francisco Recreation and Park Commission, holds several awards related to the establishment of the GGNRA.

Admission to this special lecture is free.

REMINDER:

Tickets are still available for the Jane Goodall lecture "New Insights into the Behavior of Chimpanzees at Gombe, Tanzania," on Wednesday, May 6, 1981 in the Zellerbach Auditorium (University of California, Berkeley) beginning at 8:00 p.m. Tickets which are $6.00 for general admission, $3.00 for students and $25 for patrons may be obtained by calling 642-9988. (Please see your March Newsletter for details).

SPECIAL LECTURE



The World Darwin Never Saw

with Drs. Sylvia Earle and John McCosker in the Morrison Auditorium Wednesday, June 3 at 8:00 p.m.

The mere mention of Charles Darwin or the Galapagos Islands reminds most naturalists of large lumbering tortoises, beaver-tail cactus trees, and desert isles with little brown birds whose oddly shaped bills were germinal stimuli for the *Origin of Species by Means of Natural Selection.* Had Darwin been able to snorkle or scuba dive during the historic voyage of the *Beagle* he probably would have been as impressed by his observations below water that demonstrated the theory that migrants to a desolate location would mutate, adapt, be acted upon by natural selection, and become a separate life form. The Galapagos Islands are unique because they are separated by deep water from the South American continent and bathed by tropical currents and the cold Humboldt current.

Drs. Sylvia Earle and John McCosker, Academy scientists, who have studied the Galapagos seascape and its unique aquatic residents, will explain how penguins coexist with tropical sharks,and lush algae beds live beneath coral reefs, and describe upcoming research programs which will take them in submersibles to depths of 2,000 feet or more.

This special lecture is free to Academy members and their guests.

Please Note: This special lecture will take place on **June 3.**

HELP US MEET THE CHALLENGE!

Many Academy members may not know that only the Steinhart Aquarium is supported by money from the City of San Francisco; the rest of the California Academy of Sciences, including all the permanent and temporary exhibits you have enjoyed in the past are paid for and maintained with money from admissions and from private sources including foundations, membership dues, and donations from friends and benefactors of the museum.

Like any wise family, the Academy has a savings account, called an "Endowment," which pays interest each year upon which we depend to keep the museum open and active 7 days a week.

At the end of 1979, in order to increase the Endowment, the Academy was awarded a $400,000 Challenge Grant from the National Endowment for the Arts in Washington D.C. The Academy was given three years to match this sum on a three to one basis. In other words, we must raise $1.2 million dollars to receive the $400,000 from the NEA Challenge Grant.

Our calculations are that if every member contributed $30 or more, the Academy would achieve this goal. You may have already received a letter about the Challenge Grant which was mailed to each member, but if you have not responded please take time to do so today. Your contribution in whatever amount is essential to maintain the high standards of the California Academy of Sciences and is, of course, tax deductible to the extent permitted by law.

Education and Travel

Four fascinating Academy courses begin this month. Registration is by mail and details are in the "Activities Calendar" available through the Education/Travel Office. For information, call (415) 221-5100, ext. 211.

STARGAZING FOR BACKPACKERS
May 5 - June 2, Tuesdays
7 - 9 p.m.
$20 members, $25 member families

WILDERNESS PHOTOGRAPHY
May 13, 20 and June 17 (Lectures)
7 - 9 p.m.
May 23 - 25 (Field Trip)
Cost: $125 members, includes instruction, accommodations, breakfast and lunch.

TREASURES FROM THE EARTH: Minerals Used By Man
May 20 - June 10, Wednesdays
7 - 9 p.m.
Cost: $25 members

PLANT PRINTING
Saturday, May 30
10 a.m. - 4 p.m.
Cost: $25 members. $2 materials fee

Canyonlands Nature Photography Expedition
May 29 - June 7

Ernest Braun, well-known photographer, author and teacher, will lead members on a photographic expedition to some of the most scenic areas in the United States. Participants will camp in comfort as they photograph the splendors of Bryce Canyon National Park, Capitol Reef National Monument, and Zion National Park. Cost is $890 plus air. For information, please call Nature Expeditions International at (415) 494-6572.

Pueblo Country I
June 5 - 14, wait-list only

Alaska
June 6 - 21

Jacqueline Schonewald will lead members on our popular annual tour to the great State of Alaska. A cruise to the Columbia Glacier, several Days in Mt. McKinley National Park, a visit to the "Valley of Ten Thousand Smokes" and some time in Glacier Bay are but a few of the high points of this tour. Cost is $2201 for land and $416 for air at current G.I.T. rates. For information, call Siemer & Hand, Ltd. at (415) 788-7186.

Indonesian Cruising Expeditions
Departure Dates: June 12
July 15
July 24
August 11

The Indonesian Archipelago, one of the most exotic and scenic areas in the world, straddles the equator between Asia and Australia. Bali, Komodo, and Papua, New Guinea are but a few of the exciting ports-of-call as Academy members sail through this fascinating chain of islands aboard the *Lindblad Explorer.* A number of departure dates are offered. Costs range from $4580 to $10,040 for the cruise portion of the trip. Air costs depend upon the departure date selected. For information and a brochure, call the Academy Travel Office at (415) 221-5100.

The Galapagos Islands
July 15-29

Come aboard the *M.V. Santa Cruz* on our annual tour to those "living laboratories of evolution". . . the Galapagos Islands, with the guidance of Dr. Sylvia Earle. Lindblad Travel is offering a ten-percent discount on a limited number of cabins to Academy members. Costs range from $1890 - $3040 for land/cruise arrangements and $863 for air at current G.I.T. rates. For information, call the Academy Travel Office at (415) 221-5100.

Zambezi Safari
July 27 - August 15

Dr. Lawrence Swan will lead members to Zambia and Zimbabwe along the Zambezi River on a fabulous safari adventure. Game drives, river trips, and guided treks highlight our exploration of the Luangwa Valley, Kafue National Park, Victoria Falls and Salisbury, the capital city of Zimbabwe. An optional extension to Botswana's Okavango Delta and Chobe National Park is also available. Cost is $2040 for land and $1720 for air at current rates. Botswana extension is $695 additional. For information, call the Academy Travel Office at (415) 221-5100.

Ancient Aegean Civiliations
From the Bronze Age to Byzantium
September 1 - 14

Academy members will view the architectural and artistic wonders of the "Ancient World" as they cruise aboard the *Regina Maris* to Greece, the Greek Islands and Turkey. This trip is co-sponsored with the Harvard and Yale Alumni Associations. For information, call the Academy Travel Office at (415) 221-5100.

National Parks Tour II
September 12 - 20

Mr. Charles Chesterman will lead members on a geological exploration of several of our national parks. Geologic history will be easily viewed and understood in the settings of Bryce Canyon National Park, Zion National Park and the magnificent Grand Canyon. Cost is $1098 per person, including air fare. For information, please call Gulliver's Travels at (415) 346-4400.

Coral Sea Cruising Expedition
November 15 - December 13

Dr. John McCosker will lead members on a spectacular cruise aboard the *Lindblad Explorer* to Australia's Great Barrier Reef. Wild, remote coral islands — untouched by man — are the homes for a variety of wildlife including abundant sea birds and over 2000 species of fishes. This trip is co-sponsored with the Oceanic Society. Costs range from $4910 - $8230 for the cruise. Air is $2093 at current G.I.T. rates. For a brochure, call the Academy Travel Office at (415) 221-5100.

New Members of the Academy

Sustaining Members

Mr. & Mrs. E.C. Arbuckle
Mr. & Mrs. Lawrence Barker, Jr.
Kim & Susan Clark
Mrs. M. Fleishhacker
Mr. Cyril Magnin
Mr. & Mrs. Frederick Moller, Jr. & Family
Mrs. Thomas P. Porter
Mrs. Ellis M. Stephens
Mr. William W. Sterling
Mrs. Edward B. Wallis

Contributing Members

Ms. Barbara Adams
Mrs. Mahmea O. Alton
Ms. Gayle A. Anderson
Mr. & Mrs. Masao Ashizawa
Mr. Alfred A. Aya, Jr.
Mr. Paul Baca
Mr. Jerome N. Bachman
Mr. & Mrs. W. Herman Barcus
Mr. & Mrs. Christian E. Beattie
Ms. Sarah Beckerman
Mr. Richard B. Belli
Dr. & Mrs. John F. Bennett
Ms. Joan L. Bevin
Doris, Gilda & Angela Blacut
Mr. Timothy J. Blanchard
Mr. Roy Bolton
Mr. & Mrs. William Boone & Family
Mr. Walter W. Borland
Mr. & Mrs. Harold I. Boucher
Mr. Thomas A. Bowles
Mr. & Mrs. Charles A. Brigham
Mr. & Mrs. Melvin Brown
Mr. & Mrs. J. Peter Cahill
Ms. Valerie Susan Cain
Mr. & Mrs. B. Chipps
Mr. Richard Chou & Family
Mr. & Mrs. Homer Chow & Family
Mr. & Mrs. Ted A. Class
Mr. & Mrs. Gerald Clennon
Mr. Rudolph Cook
Mr. O.T. Cooks, Jr.
Mr. Bob Davidson
Mr. Charles L.E. de Gaugue
Mr. Peter Delaney
Mrs. Ann G. Ditz
Mr. & Mrs. Frank F. Eiger
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Ms. Gretchen Franz
Mr. Rod Fraser, Jr.
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Mr. Matthew J. Gately
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Dr. David T. Grove
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Mr. Anthony Guittard
Mr. & Mrs. William Hackmann
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Mrs. Virginia Hammerness
Mr. E.F. Hassbaum
Mr. G.R. Hencky
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Dr. & Mrs. Charles Hirie
Mrs. Velma Hoffman
Mr. & Mrs. Charles W. Homer
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Mr. Orra C. Hyde
Mr. Charles R. Ingram
Mr. Fred Isackson
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Mr. & Mrs. Royce H. Johnson
Mr. S. Allan Johnson
David A. Jones
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Mr. Kevin M. Keith
Mr. John Kenny
Mr. Robert Kensic
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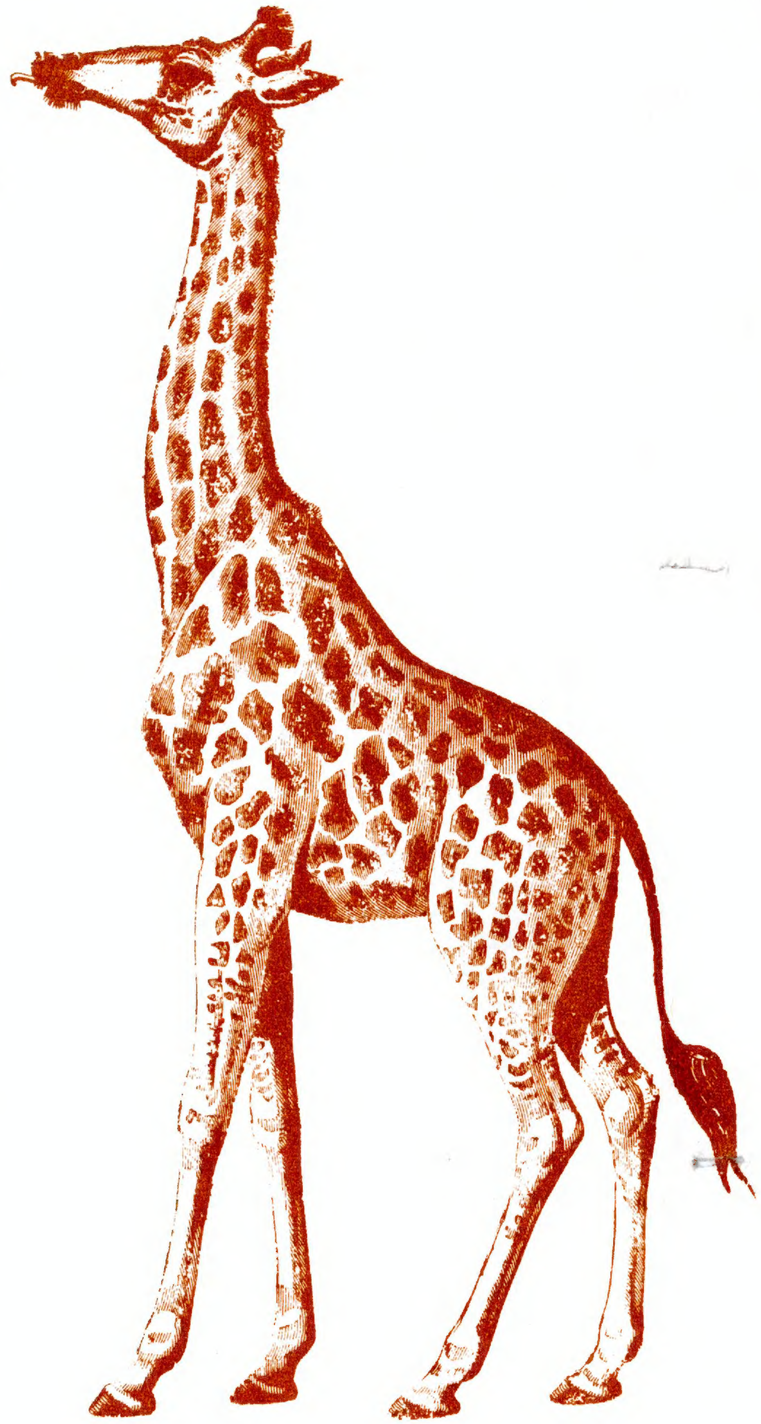

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